Data Warehousing

Washington State Department of Health Tobacco Prevention & Control Program

National Tobacco Control Conference San Francisco, CA November 2002



- Identify needs and issues around "Data Warehousing"
- Describe the WA DOH Tobacco Program's Data Warehousing activities
- Suggestions for several levels of warehousing



- Making data accessible
- From a variety of sources
- To different audiences
- Over time
- In a simple, clear way

Why bother?

- "Ivory Tower" vs. "open book"
 - Gives constituents immediate access to data, to answer questions from their stakeholders
 - May give local programs credibility in the eyes of local leaders
 - May introduce data-driven decisionmaking (or at least consideration of data in planning)

Washington's Data Warehousing

- Evaluation team members
 - Mike Boysun
 - Craig Parker
 - Susan Richardson
 - Stacy Scheel
 - Shanae Williams
- If you can't generate automated reports, don't go there... (don't do a lot of handentry of data)
- Even with automation, it is a lot of work

Making it accessible

- What are people interested in?
 - Me, me, me
 - Only a "data person" would organize by data source
 - Organize by geographic or population groups
 - How low can you go?
 - Don't forget about statewide summaries
- Making it accessible
 - Using the "hidden" website both restricts access and allows it
 - Links to website through web-based reporting system
 - pdf layouts
 - Use visual layout to make it spiffy
 - Help people get just what they want







Tobacco Prevention and Control Assessment and Evaluation

You are here: Contractor Resources <u>Search</u> | <u>Employees</u>

Site Directory:

- Home
- CATALYST Training Materials
- Standard Tools
- Mapping Website
- Alternative File Format Information
- Some files on this page require free readers.
 Download a Reader
- Map of this site



Library of Resources:

This is not a public site. All information on these pages is for use by Tobacco Program Staff in their local prevention programs. If you have questions regarding this website, contact Shanae Williams at (360) 236-3746.

State & Local Data

(Click on county to view local data)



A variety of sources

- Health data
 - Birth, death, cancer incidence, hospitalization
- Survey data
 - BRFSS, ATS, school-based youth surveys
- Program data
 - Quit Line calls, media summaries, compliance
- Demographic information
 - Population distributions & numbers (age, race, SES)
- Geographic information
 - Organizational boundaries





Tobacco Prevention and Control Assessment and Evaluation

You are here: Contractor Resources >> King County Data

Search | Employees

Site Directory:

- Home
- CATALYST Training Materials
- Standard Tools
- Mapping Website
- Alternative File Format Information
- Some files on this page require free readers.
 Download a Reader
- Map of this site



King County Data

Data Summaries

- County Profile 2000
- County Fact Sheet

Adult Telephone Survey

Adult Telephone Survey 2001

Youth Telephone Survey

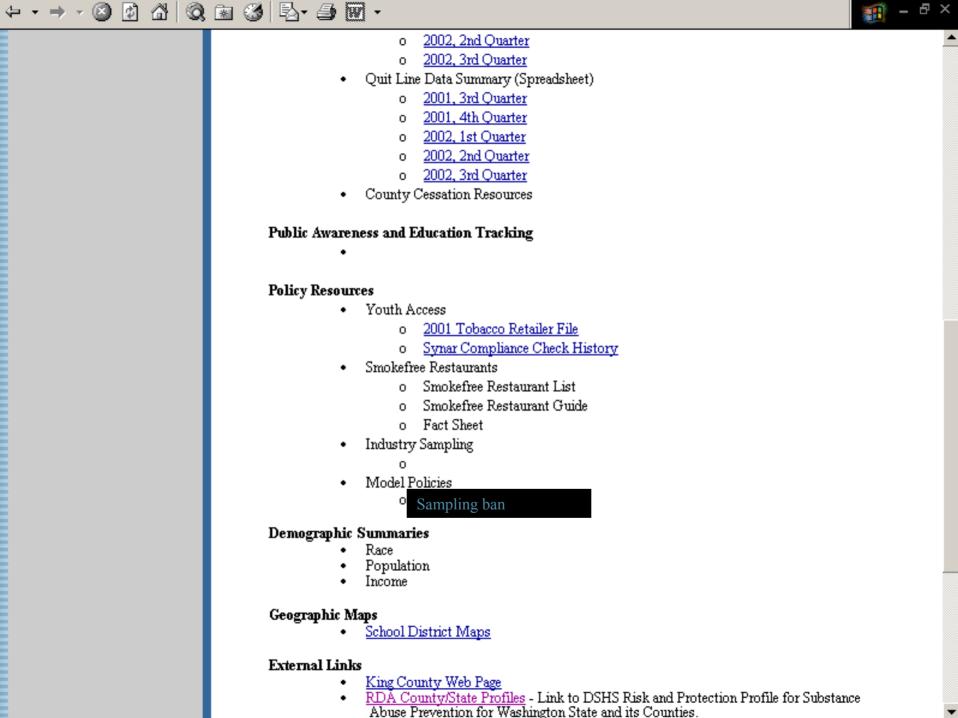
- Regional Youth Telephone Survey 2001
 RED 131
 - o <u>ESD 121</u>

School Based Youth Survey

- Fall 2000 Participation Report
 - County Sample
- · Fall 2000 Survey Bar Graphs
- Fall 2000 Survey Results
 - o 6th Grade
 - o 8<u>th</u> Grade
 - o 10<u>th</u> Grade
 - o <u>12th Grade</u>

Cessation Resources

- Quit Line Calls (Graph)
 - 2001, 4th Quarter



A variety of audiences

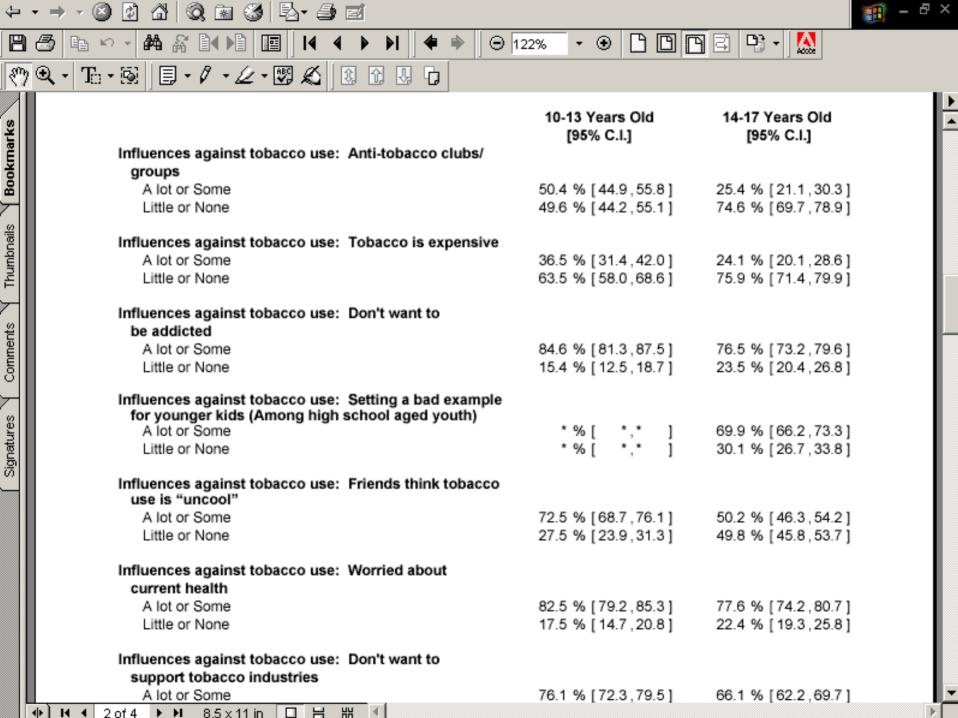
- Program contractors
- DOH/state staff
- Other stakeholders (ACS, disparities workgroup members)

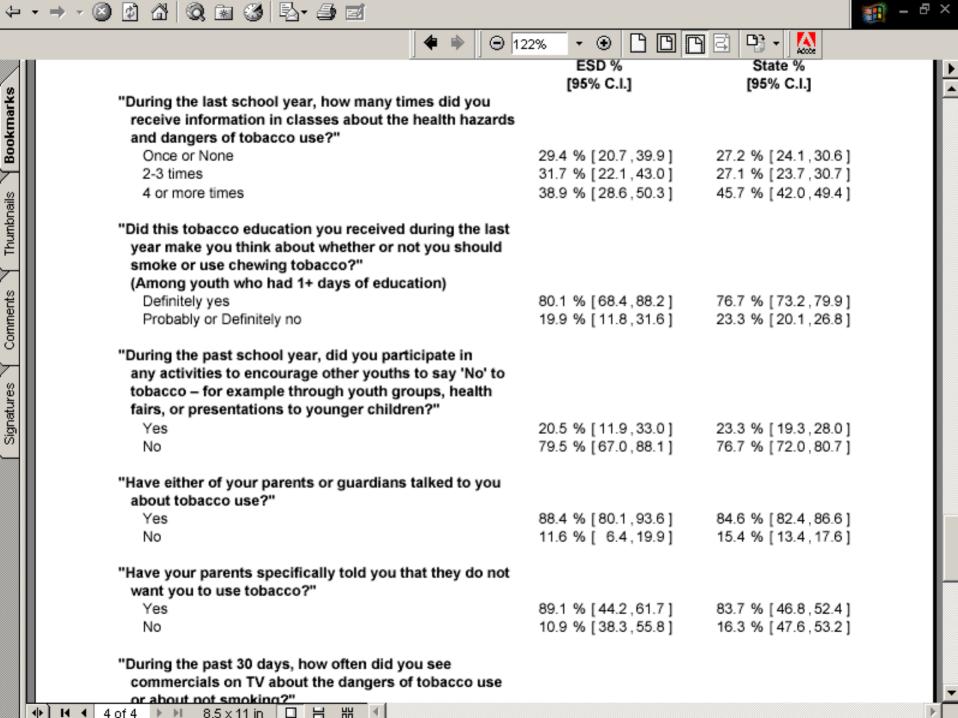
Implications:

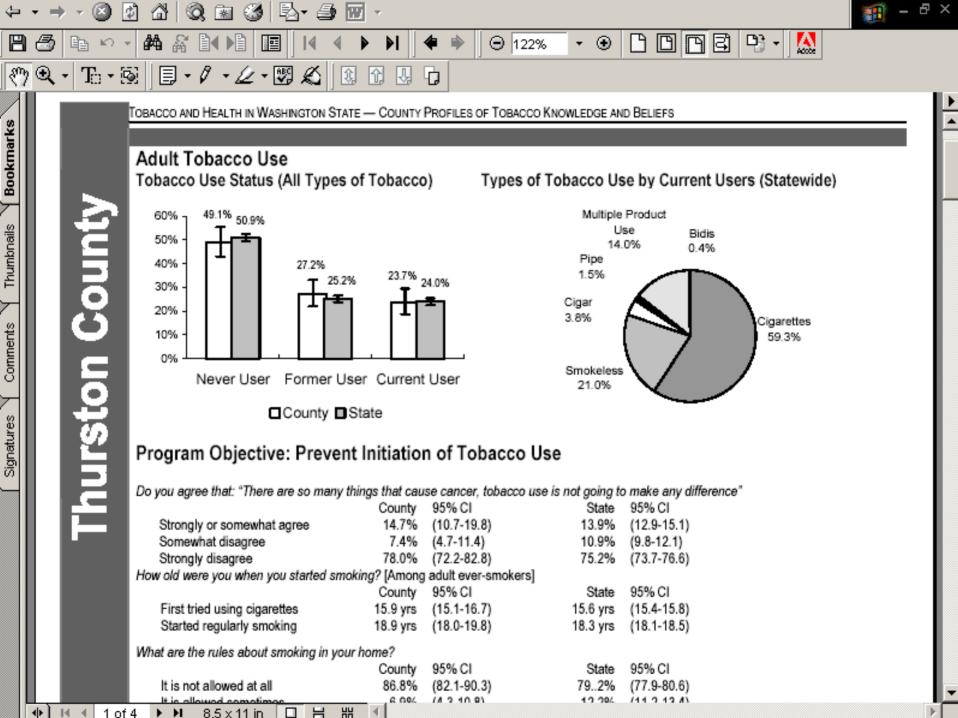
Need to consider how each group uses the data, and plan accordingly

Decisions:

What does the public get? How?

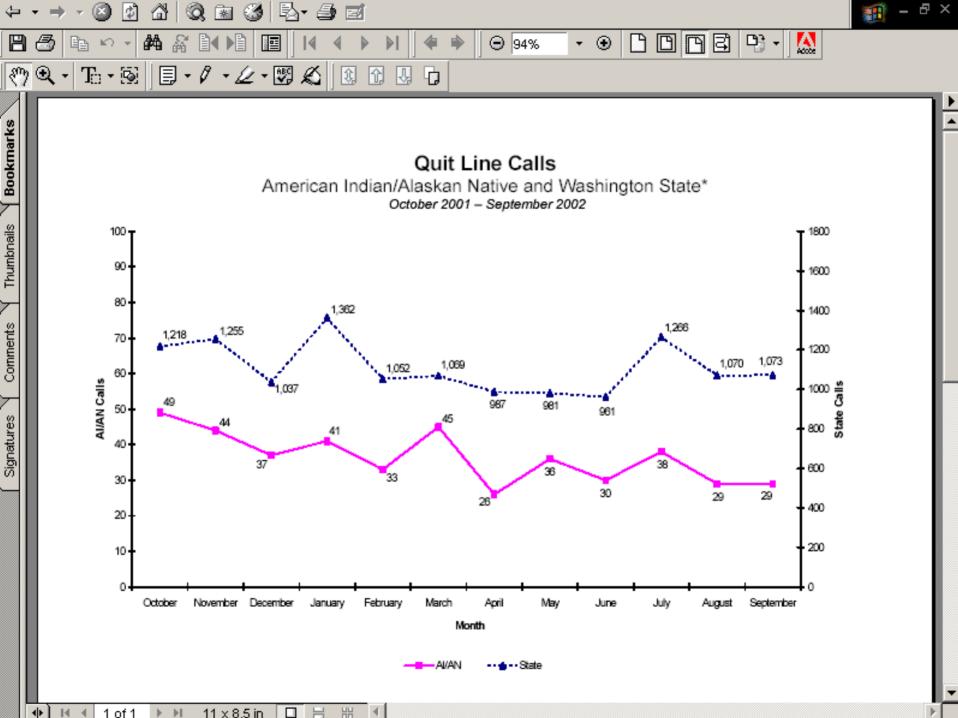


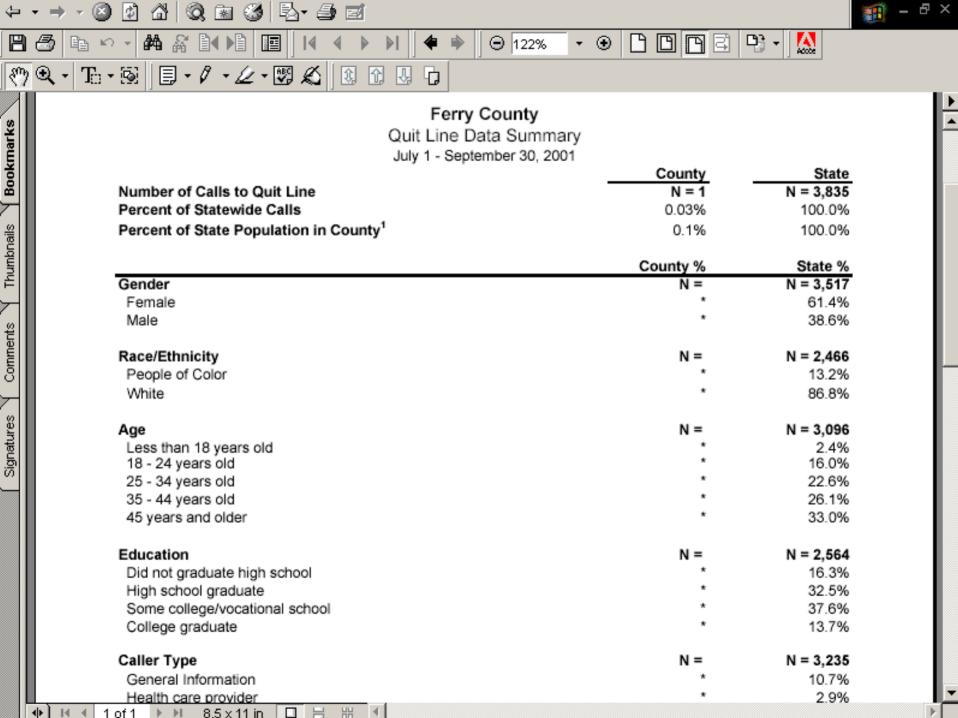


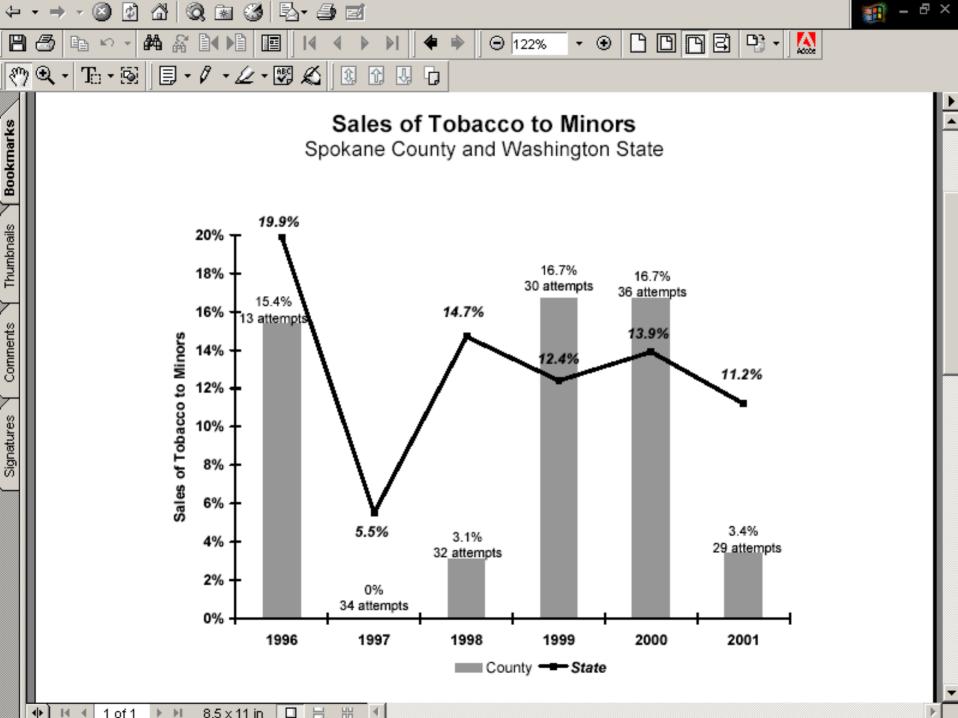


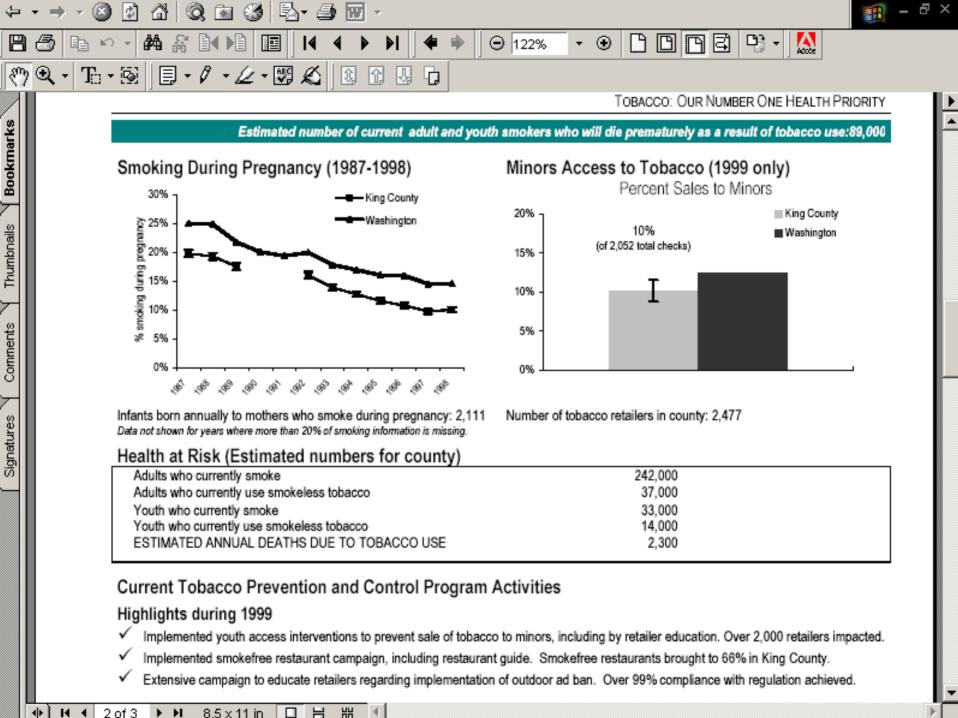
Over time

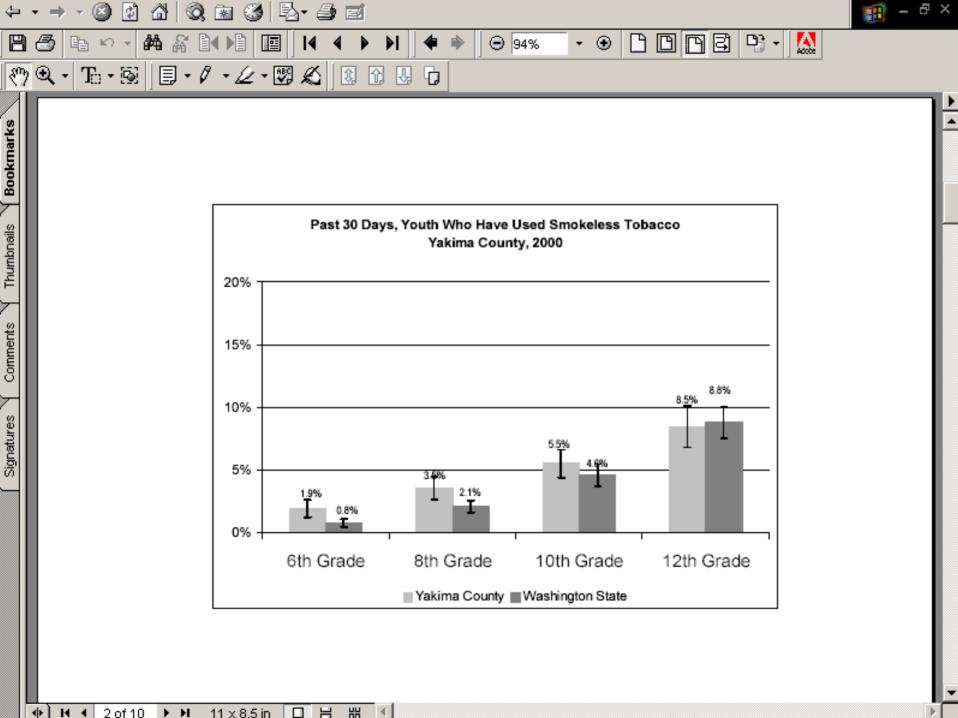
- Identify a schedule for updates
 - Monthly, quarterly
 - Annually
 - "as indicated"
- When data start to pile up...
 - Indicate "new" on the website (decide how long it stays "new")
 - Post updates to listserv
 - Have an archival plan
 - Train users at different events about what is there

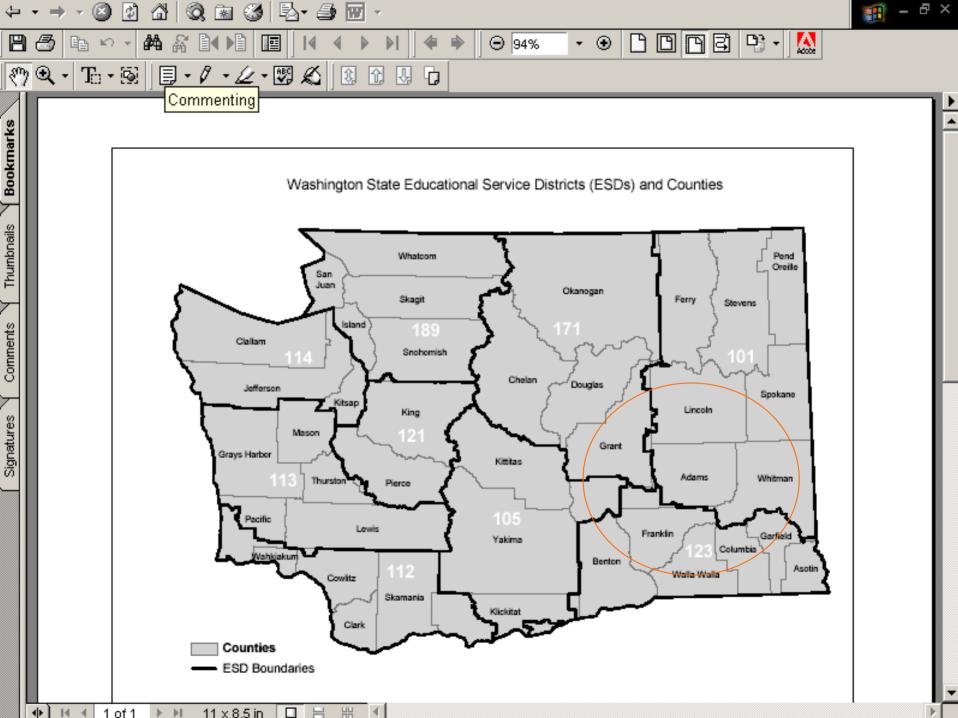


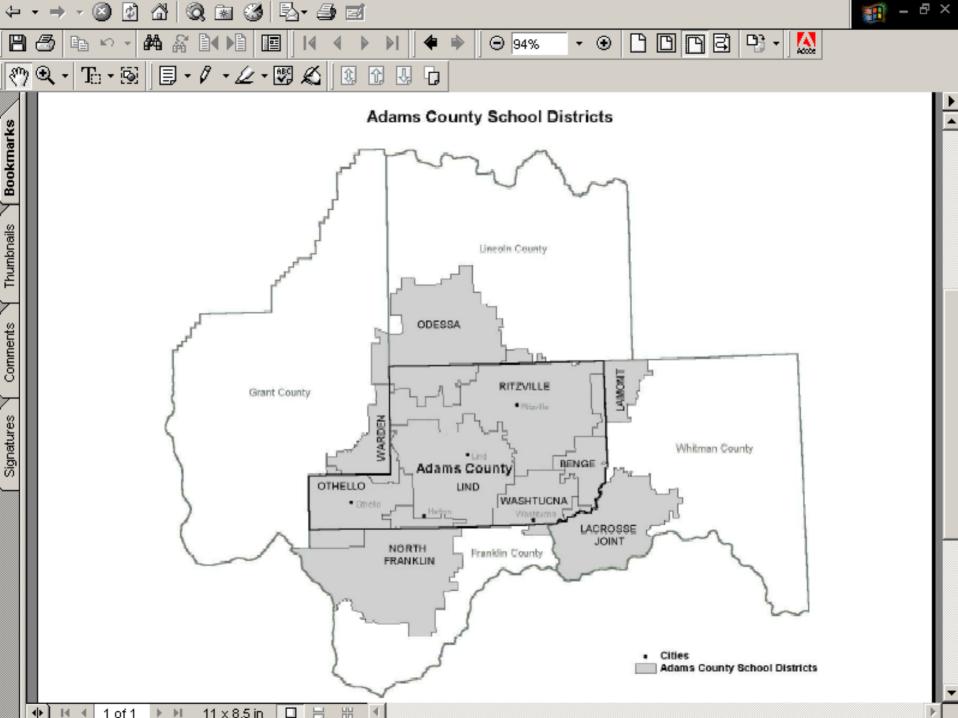






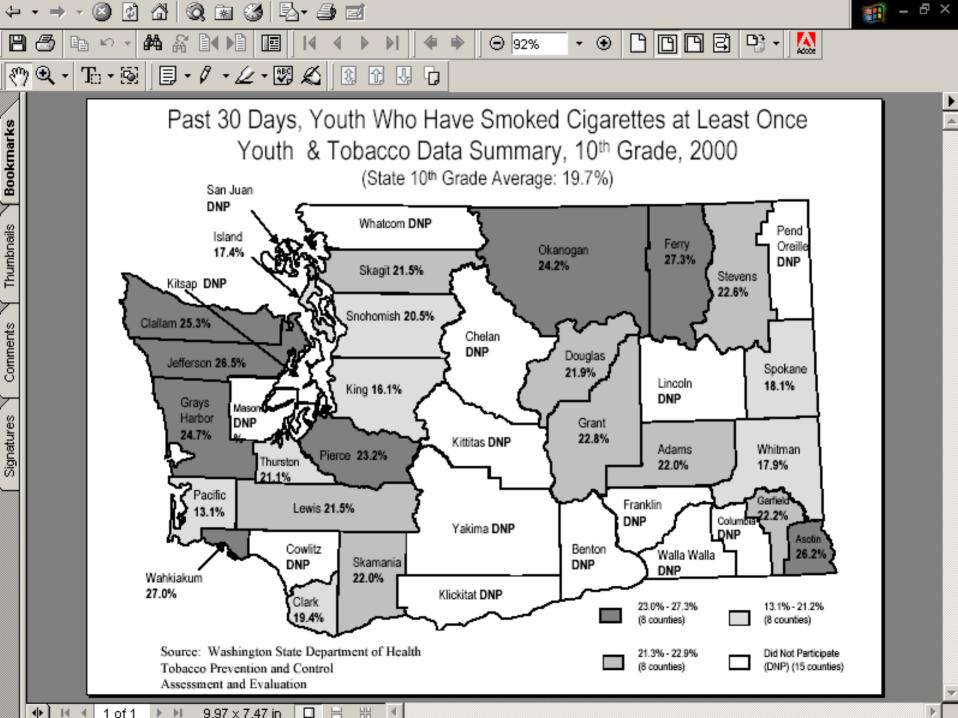


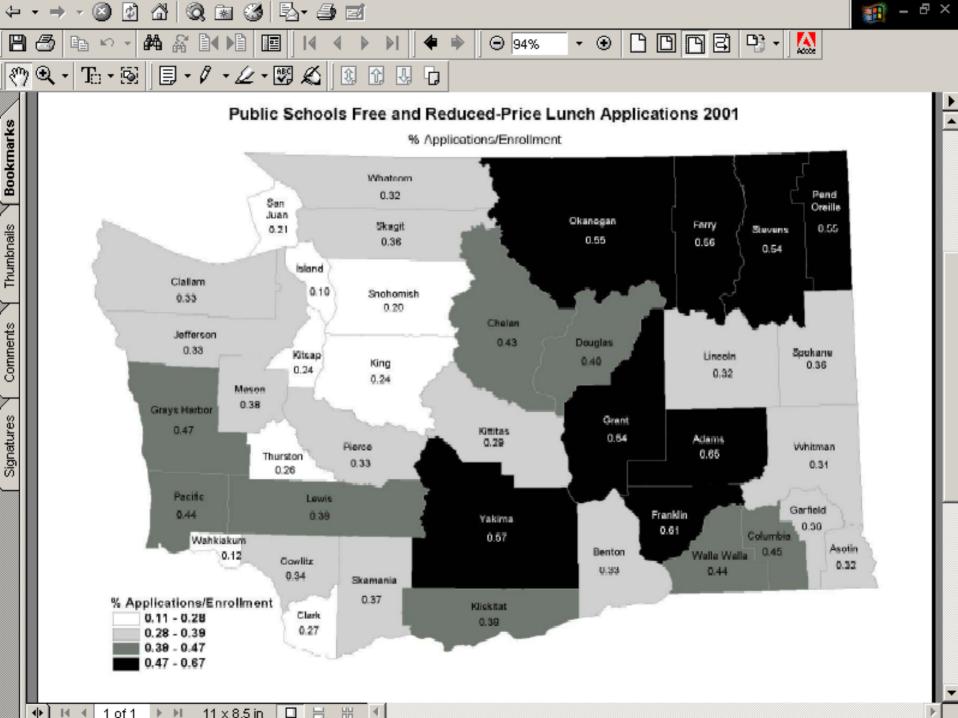


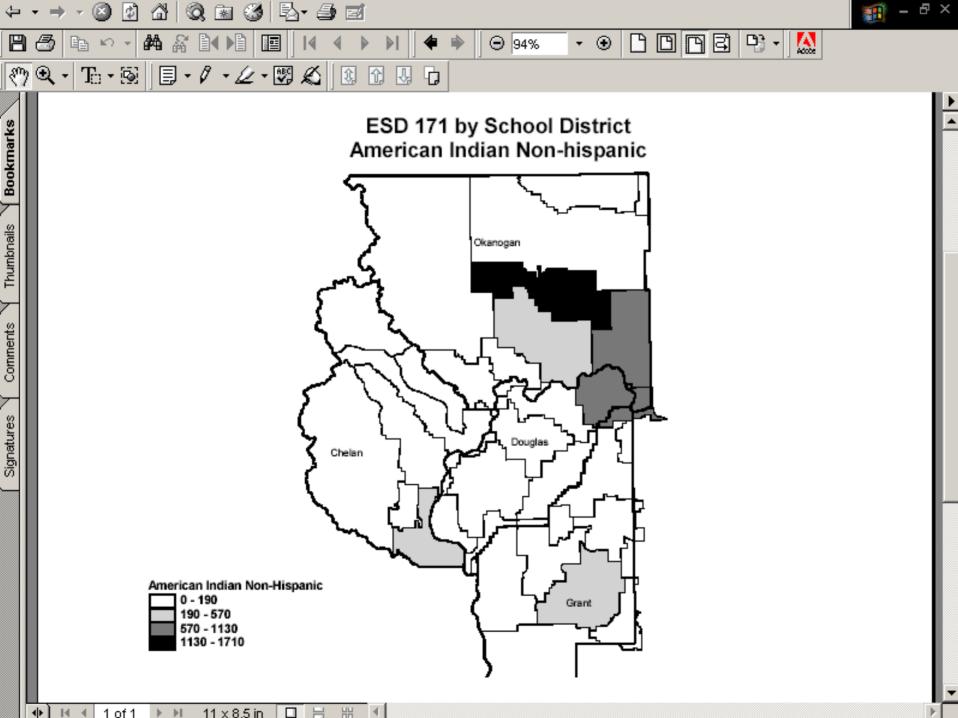


Keep it Simple

- Find formats you like, and stick to them boring is OK (it is also known as "consistency")
- Stick to your data standards, and support users to understand them (confidence intervals, small numbers guidelines)
- Make sure figures are "reprintable" on varying quality of printers and copiers
- Think "clean" with your figures leave room for local folks to put on their own letterheads & layouts









OFM Race/Ethnicity Data 2000 ESD 171 by School District

	Hispanic Any	White Non-	Black Non-	American Indian	Asian Pacific Islander	People of
School District Name	Race	Hispanic	Hispanic	Non-Hispanic	Non-Hispanic	Color
BREWSTER	2041	2177	14	123	16	2266
BRIDGEPORT	1548	1180	•	53	9	1658
CASCADE	1158	7977	8	61	37	1415
CASHMERE	1197	5791	10	52	42	1417
COULEE/HARTLINE	38	1386	6	12	6	83
EASTMONT	3584	20263	49	185	155	4322
ENTIAT	352	1661	6	26	11	429
EPHRATA	1130	8780	40	82	70	1516
GRAND COULEE DAM	146	3144	17	747	33	1058
LAKE CHELAN	1585	5069	7	79	42	1816
MANSFIELD	22	458	•	7	•	47
MANSON	1148	1846	•	29	9	1223
METHOW VALLEY	85	4472	•	33	21	197
MOSES LAKE	6788	23530	569	297	399	8794
NESPELEM	48	119	•	1126	•	1198
OKANOGAN	643	4076	12	565	17	1392
OMAK	1139	7097	23	1706	73	3232
ORONDO	619	664	•	9	•	638
OROVILLE	587	3494	12	117	12	821
PALISADES	258	175	•	•	•	265
PATEROS	413	1146	•	19	8	462
QUINCY	4856	4862	7	42	67	5096
SOAP LAKE	329	2788	15	39	6	463
STEHEKIN	•	100	•	•	•	•
TONASKET	814	5207	7	114	34	1079
WARDEN	2060	1708	•	19	29	2137
WATERVILLE	134	1488	7	15	•	188
WENATCHEE	7485	29298	81	306	372	8829
WILSON CREEK	19	568	•	•	•	38

^{*} Small Numbers (<5)

Bookmarks

Thumbnails

Comments

Signatures

Ľ

_ & ×

Not that we have it all done perfectly, but...

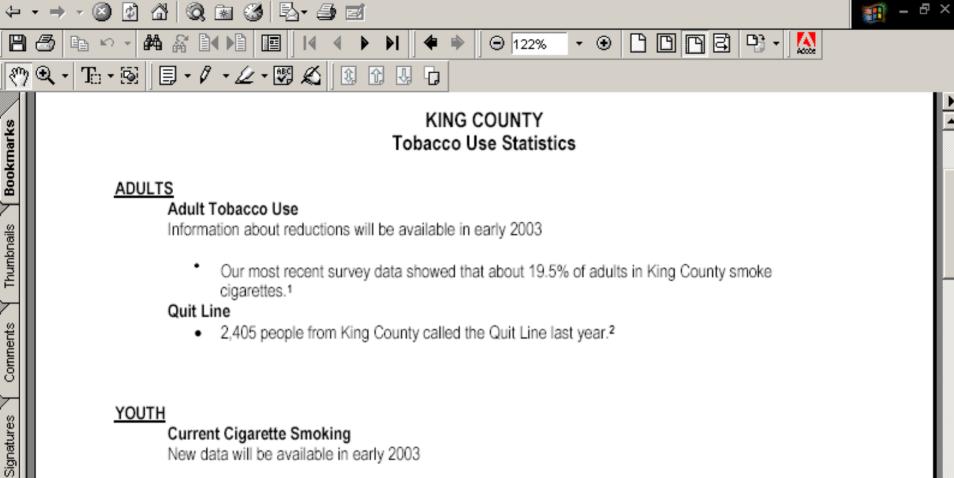
Achieving Serenity in your Warehouse

- Empower users with the information don't just "grant them access"
 - Provide training to users
 - Provide training to state staff who regularly support users
 - Create ongoing opportunities to discussion

Be sensitive to evaluation anxiety and access to data

- Don't create a local "competition"
 - Inconsistent information at the local level can hurt you and/or your contractors
 - Learn about alternative data sources such as local surveys, and reference or cooperate with them if you can
 - Connect with local assessment staff or other recognized data experts – they can help you (or not)

- Help users to talk about the data
 - Give sample language
 - Help distinguish between singular and plural data (datum)
 - Provide examples of how others have used the data
 - Provide a suggested citation/reference for the data
 - For heavens sake, if you get a media call immediately share your interpretation with your local partners since you can both look at it but might give different interpretations



Current Cigarette Smoking

1 of 2

New data will be available in early 2003

8.5 x 11 in.

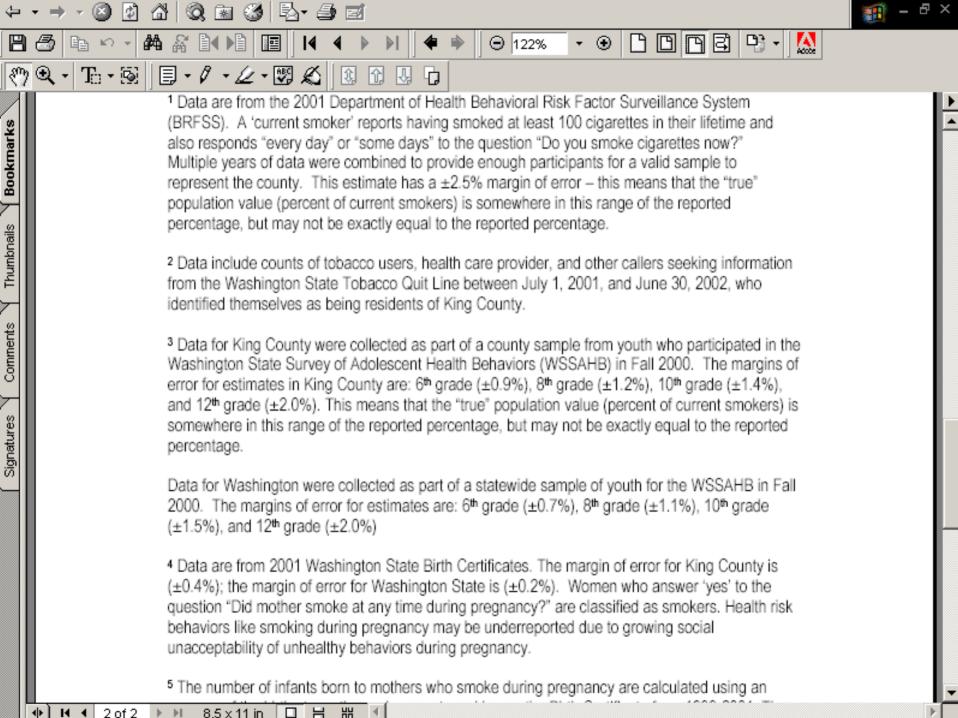
- Our most recent survey data showed:3

6th grade: 3.3% in King County, and 4.0% statewide, reported they currently smoke cigarettes.

8th grade: 9.2% in King County, and 12.5% statewide, reported they currently smoke cigarettes.

10th grade: 16.4% in King County, and 19.8% statewide, reported they currently smoke cigarettes.

12th grade: 26.6% in King County, and 27.6% statewide, reported they currently smoke cigarettes.



- Ask users for feedback
 - Test if they know where things are
 - Ask if titles/links are clearly labeled
 - Get a web-report of user activity
 - Find out if they USE the information (just because they asked for it or LIKE it doesn't make it useful)

- Plan ahead & prepare for inevitable:
 - You will make a mistake
 - People won't always agree with you
 - People won't always use data the way you want them to
 - People always desperately want the thing that you haven't put up yet
 - Have a process for doing a "special run"
 - Not everyone likes the web some people still want you to print it out

Thank you! For more information:

Shanae Williams adoh.wa.gov (360) 236-3746

Stacy Scheel tobaccoprev@aol.com (360) 970-1137